

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 102881-102 U.S. APPLICATION NO. 10/580613 Date Received
INTERNATIONAL APPLICATION NO. PCT/SE2004/001745	INTERNATIONAL FILING DATE 25 November 2004	PRIORITY DATE CLAIMED 27 November 2003
TITLE OF INVENTION IMPLANT AND METHOD OF PRODUCING THE SAME, AND A SYSTEM FOR IMPLANTATION		
APPLICANT(S) FOR DO/EO/US: LEIF HERMANSSON, HÅKAN ENGQVIST AND JESPER LÖÖF		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The U.S. has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made, however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned) 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). 		
Items 11 to 20 below concern other document(s) or information included:		
<ol style="list-style-type: none"> 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. (unsigned) 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 -1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 		

U.S. APPLICATION NO. (if known) 10/2580613 Pending		INTERNATIONAL APPLICATION NO. PCT/SE2004/001745		ATTORNEY DOCKET NUMBER 102881-102	
20. <input checked="" type="checkbox"/> Other items or information: Revised version of WO2005/053764; Corrected Cover Sheet of Written Opinion; Written Opinion; Form PCT/IB/304; Express Mail Certification; Return Receipt Postcard					
21. <input checked="" type="checkbox"/> The following fees are submitted: Basic national fee (37 CFR 1.492(a)).....\$300.00				CALCULATIONS	PTO USE ONLY
				\$300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 All other situations.....\$200				\$200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500				\$400.00	
TOTAL OF 21, 22 and 23 = \$				\$900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
-100 =	/50 =		x \$250	\$	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	35-20 =	15	x \$ 50	\$750.00	
Independent claims	4-3 =	1	x \$200	\$200.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360	\$0.00	
TOTAL OF ABOVE CALCULATIONS =				\$950.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$1850.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$0.00	
TOTAL NATIONAL FEE =				\$1850.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28,3.31). \$40.00 per property				\$0.00	
TOTAL FEES ENCLOSED =				\$1850.00	
				Amount to be refunded:	\$
				Amount to be charged	\$1850.00

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Form PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

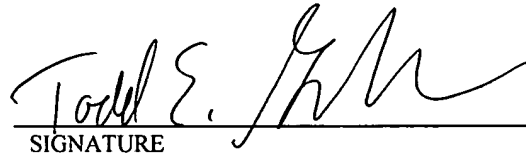
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed. **APPROVED FOR PTO 2 MAY 2006**
- b. ☒ Please charge my Deposit Account No. 23-1665 in the amount of \$1850.00 to cover the above fees.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-1665. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Todd E. Garabedian, Ph.D.
WIGGIN AND DANA LLP
One Century Tower
New Haven, CT 06508-1832
Telephone: (203) 498-4400
Facsimile: (203) 782-2889
Email: tgarabedian@wiggin.com



SIGNATURE

Todd E. Garabedian, Ph.D.

NAME

39,197

REGISTRATION NUMBER

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AP20Rec'd PCT/PTO 24 MAY 2006

CERTIFICATION UNDER 37 CFR §1.10

I hereby certify that this Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date, May 24, 2006, in an envelope marked "Express Mail Post Office to Addressee" Mailing Label No. EV 614556024 US, addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, Virginia 22313-1450.

Date: May 24, 2006


Todd E. Garabedian, Ph.D.

- Transmittal Letter - Form PTO-1390 (3 Pages, in Dup.)
- Preliminary Amendment (9 Pages)
- Copy of Combined Declaration and Power of Attorney for Joint Inventors, unsigned (3 Pages)
- Copy of WO2005/053764 with International Search Report
- Revised Version of WO2005/053764
- Written Opinion
- Corrected Cover Sheet of Written Opinion
- Form PCT/1B/304
- Return Receipt Postcard